

EAST

10/602,001

L Number	Hits	Search Text	DB	Time stamp
1	295	conveyor near8 belt same (aperture or hole or perforation or opening) same (surge or surging or gush\$3 or rise or rising or jerk\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/28 14:30
2	656	conveyor near8 belt same (wire or screen\$3 or mesh) same (force or surge or surging or gush\$3 or rise or rising or jerk\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/28 14:46
4	7	conveyor near8 belt same (wire or screen\$3 or mesh or aperture or hole or opening or perforation) same (coat\$3 or encapsulat\$4 or surround\$3 or envelop\$3 or inject\$4 or spray\$3) near8 (below or under or bottom) and (tablet\$6 or pellet\$6 or briquet\$6 or pressed or shaped adj1 (solid or body or bodies)) same (detergent or detersive or tenside or surfactant or washing or cleaning)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/28 15:30
3	291	conveyor near8 belt same (wire or screen\$3 or mesh or aperture or hole or opening or perforation) same (coat\$3 or encapsulat\$4 or surround\$3 or envelop\$3 or inject\$4 or spray\$3) near8 (below or under or bottom)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/04/28 15:37

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FILE 'HOME' ENTERED AT 09:58:06 ON 28 APR 2004

FILE 'CA' ENTERED AT 09:58:17 ON 28 APR 2004

L1 14 S WEBER, HENRIETTE/AU
E WEBEE H/AU
E WEBER H/AU
L2 14 S E128
E ASSMANN GEORG/AU
L3 37 S E3
L4 0 S (TABLET? OR PELLET? OR BRIQUET? OR PRESSED OR SHAPED BODY
OR
L5 10671 S (TABLET? OR PELLET? OR BRIQUET? OR PRESSED OR SHAPED BODY
OR
L6 0 S (COAT? OR ENCAPSULAT? OR SURROUND? OR SPRAY? OR
OVERCOAT?) (P)
L7 0 S CONVEYOR BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPENIN
L8 0 S CONVEYOR(P) BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPEN
L9 5 S CONVEYOR(P) BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPEN
L10 0 S CONVEYOR(P) BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPEN
L11 22 S CONVEYOR(P) BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPEN
L12 1 S L5 AND L11
L13 1 S L5 AND L9
L14 85 S CONVEYOR(P) BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPEN
L15 2 S L5 AND L14
L16 163 S CONVEYOR(P) BELT(P) (SCREEN? OR MESH)
L17 7 S L5 AND L16
L18 7 S CONVEYOR(P) BELT(P) (WIRE# OR MESH OR SCREEN?) (P) (FORCE OR
SURG

FILE 'USPATFULL' ENTERED AT 11:17:24 ON 28 APR 2004

L19 3 S L4

=> s 17

130960 CONVEYOR
240338 BELT
38183 CONVEYOR BELT
(CONVEYOR(W) BELT)
467729 APERTURE#
825780 HOLE#
82698 PERFORATION#
1229058 OPENING#
33431 SURGE
569 GUSH
390128 RISE
11661 JERK?
L20 84 CONVEYOR BELT(P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPENING#)
(P) (SURGE OR GUSH OR RISE OR JERK?)

=> s (tablet? or pellet? or briquet? or pressed or shaped body or shaped bodies or shaped solid or solid block or compressed or compacted) (p) (coat? or encapsulat? or surround? or spray? or overcoat?) (p) belt (p) (aperture# or hole# or perforation# or opening#) (p) (surge or gush or rise or jerk?)

64756 TABLET?
96720 PELLET?
17612 BRIQUET?
87458 PRESSED
112910 SHAPED
424055 BODY
702 SHAPED BODY
(SHAPED(W) BODY)
112910 SHAPED
96960 BODIES
826 SHAPED BODIES
(SHAPED(W) BODIES)
112910 SHAPED
883440 SOLID
231 SHAPED SOLID
(SHAPED(W) SOLID)
883440 SOLID
184486 BLOCK
254 SOLID BLOCK
(SOLID(W) BLOCK)
47697 COMPRESSED
21971 COMPACTED
935061 COAT?
44449 ENCAPSULAT?
128951 SURROUND?
218197 SPRAY?
11285 OVERCOAT?
30192 BELT
20735 APERTURE#
188960 HOLE#
6393 PERFORATION#
111067 OPENING#
8646 SURGE
85 GUSH
206749 RISE
1039 JERK?

L4 0 (TABLET? OR PELLET? OR BRIQUET? OR PRESSED OR SHAPED BODY OR SHAPED BODIES OR SHAPED SOLID OR SOLID BLOCK OR COMPRESSED OR COMPACTED) (P) (COAT? OR ENCAPSULAT? OR SURROUND? OR SPRAY? OR OVERCOAT?) (P) BELT (P) (APERTURE# OR HOLE# OR PERFORATION# OR
OPENI NG#) (P) (SURGE OR GUSH OR RISE OR JERK?)

L2 ANSWER 4 OF 14 CA COPYRIGHT 2004 ACS on STN
 AN 137:64953 CA
 ED Entered STN: 25 Jul 2002
 TI Coating detergent moldings
 IN **Weber, Henriette**; Assmann, Georg
 PA Henkel Kommanditgesellschaft auf Aktien, Germany
 SO PCT Int. Appl., 77 pp.
 CODEN: PIXXD2

DT Patent
 LA German
 IC ICM Cl1D017-00
 ICS Cl1D011-00
 CC 46-6 (Surface Active Agents and Detergents)
 Section cross-reference(s): 42

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002051976	A1	20020704	WO 2001-EP14783	20011214
	W: AU, BR, CA, CN, CZ, DZ, HU, ID, IL, IN, JP, KR, MX, PL, RO, RU, SG, SI, SK, UA, US, ZA				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	DE 10064985	A1	20020711	DE 2000-10064985	20001223
	EP 1360271	A1	20031112	EP 2001-985408	20011214
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR				
	US 2004014631	A1	20040122	US 2003-602001	20030623
PRAI	DE 2000-10064985	A	20001223		
	WO 2001-EP14783	W	20011214		
AB	In the title process, in which the top, bottom, and sides of the molding are all coated, the detergent moldings are transported on a belt provided with numerous openings through which the coating composition is injected from below with sufficient force to form a cascade through which the molding is transported. Drawings illustrating the apparatus are included.				
ST	coating process detergent tablet; app coating detergent tablet				
IT	Coating process (coating detergent moldings)				
IT	Detergents (tablets; coating detergent moldings)				

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Ecolab Inc; WO 9518215 A 1995 CA
- (2) Henkel Kgaa; WO 0066701 A 2000 CA

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=> d 1 112 ti

L12 ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN

TI Apparatus for continuous dewatering in the process of hydromechanical and mechanical treatment of flocculated sludges

=> d 1 113 ti

L13 ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN

TI Apparatus for continuous dewatering in the process of hydromechanical and mechanical treatment of flocculated sludges

=> d 1 112 ab

L12 ANSWER 1 OF 1 CA COPYRIGHT 2004 ACS on STN

AB The title apparatus comprises a rotatable cylindrical sieve containing an upwardly

conveying worm, the cylinder being inclined to the horizontal and having mesh **openings** which increase in size from the lower to the upper end of the cylinder. The mesh size is chosen according to the viscosity of the sludge. The upper part of the cylinder has **compressed** air blowing nozzles for **cleaning** the sieve, water is collected in a tank **below** the cylinder for recycling, and the solid product is expelled onto a **conveyor belt**.

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> d 1-7 ti

L17 ANSWER 1 OF 7 CA COPYRIGHT 2004 ACS on STN

TI Installation for the manufacture of nuclear fuel pellets

G G

ANSWER 4 OF 7 CA COPYRIGHT 2004 ACS on STN

AN 71:40644 CA

ED Entered STN: 12 May 1984

TI **Detergent tablets**

IN Fischer, Charles F.

PA Colgate-Palmolive Co.

SO U.S., 3 pp.

CODEN: USXXAM

DT Patent

LA English

IC C11D

NCL 252135000

CC 46 (Surface Active Agents and Detergents)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 3451928	A	19690624	US 1964-352300	19640316
PRAI	US 1964-352300		19640316		

AB Processes are described for production of strong, rapidly disintegratable,

nonsticky **detergent tablets** from a polyphosphate and an organic **detergent**. Such **tablets** are produced by treating the **compressed** composition with 0.04-0.2% H₂O and then heating in <8 sec. to a surface temperature >850°F. For example, **detergent tablets** weighing about 57 g. and prepared from spray-dried powder containing Na₂SO₄ 35.0, Na tripolyphosphate 21.0, nonylphenylpoly(oxyethylene) alc. (9:1) 8.0, Na silicate (Na₂O-SiO₂ ratio 1:2.35) 23.0 H₂O 10.0, optical brighteners, coloring, perfume, Na CM-cellulose, and other additives 3.0% were, immediately after being formed into **tablets**, transferred to a 3-in.-wire-mesh conveyor belt travelling at 2 ft./sec. The **tablets** on the wire-mesh conveyor belt were passed through a spray chamber 2 ft. long and having 2 spray nozzles that sprayed 0.05 g. H₂O at 70-5°F. on each **tablet**. The conveyor belt then passed through a flash heater 7 ft. long, where the surface temperature was raised to 700 to 900°F. by use of a nonimpinging gas-flame radiant burner. The **tablets** were then passed to a flip conveyor, turned over, sprayed, dried again, then wrapped. They had a hard surface and were not sticky.

ST **detergent tablets; tablets detergent**

; polyphosphate contg **detergents**

IT **Detergents, preparation**

(sodium triphosphate-containing **tablets** of)

IT 7758-29-4

RL: USES (Uses)

(**detergent tablets** containing)

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3 (TABLET? OR PELLET? OR BRIQUET? OR PRESSED OR SHAPED BODY OR
SHAPED BODIES OR SHAPED SOLID OR SOLID BLOCK OR COMPRESSED OR
COMPACTED) (P) (COAT? OR ENCAPSULAT? OR SURROUND? OR SPRAY? OR
OVERCOAT?) (P) BELT (P) (APERTURE# OR HOLE# OR PERFORATION# OR

OPENI

NG#) (P) (SURGE OR GUSH OR RISE OR JERK?)

=> d 1-3 119 ti

L19 ANSWER 1 OF 3 USPATFULL on STN

TI Washing and cleaning agent coated moulding body

L19 ANSWER 2 OF 3 USPATFULL on STN

TI Spray chamber and system and method of spray coating solid particles

L19 ANSWER 3 OF 3 USPATFULL on STN

TI APPARATUS FOR JOINING TOGETHER TWO PIECES OF WORK FABRIC OR SIMILAR
MATERIALS

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